



**Open Government Platform   
Installation Guide**

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# Drupal Installation

For information on Drupal installation, see the **INSTALL.txt** file in the **OGPL/WebApp** directory.

1. Download OGPL product from Github
2. Move the contents of core directory from datagov/ogpl/webapp into directory (ogpl) within your web server's document root or your public HTML directory (e.g. In Linux /var/www/html).
3. Move the sites directory from datagov/ogpl/webapp into /var/www/html/ogpl.
4. Create mysql database ogpl and import data using sql.tar file from directory datagov/ogpl/db.
5. Make the reqruied database connection settings in /var/www/html/ogpl/sites/default/settings.php

* $db\_url = 'mysql://database\_username:database\_password@localhost/database\_name';

1. Give the web server write privileges to the /var/www/html/ogpl/sites/default/files directory.
2. Ensure that the php-bcmath module is installed. You can use “php -m | grep bcmath” to verify and “yum install php-bcmath” to install it.
3. Ensure that the following php.ini configurations are set / verified:  
   memory\_limit = 512M  
   max\_execution\_time = 120

Note : If OGPL product is being installed on a Windows system, please check the max\_allowed\_packet\_size parameter in my.ini is set to 16M, in case you see exceptions during installation.

# Third-party Libraries

The following table lists third-party libraries that are used in this application. Related Drupal modules are installed with the code.

|  |  |
| --- | --- |
| Item | Description |
| <http://sourceforge.net/projects/phplot/> | Used for PDF library for charts |
| <http://www.hostip.info/> | Visitor stats IP tracking database  Create a database named **hostip\_current** and import the **hostip\_current.sql** file.  **Note:** The database name does not need to be the same.  You can download the dump file ([hostip\_current.sql.gz](http://db.hostip.info/mirror/hostip_current.sql.gz)) for this database from <http://www.hostip.info/dl/index.html>. |
| <http://maps.google.com/> | Used for open data sites database |
| [http://Drupal.org/project/fusioncharts](http://drupal.org/project/fusioncharts) | Fusion charts free version for charts |
| [http://Drupal.org/project/recaptcha](http://drupal.org/project/recaptcha) | Captcha module |
| [http://Drupal.org/project/captcha](http://drupal.org/project/captcha) | Captcha module |
| <http://code.google.com/p/dompdf/> | **dompdf** library for generating PDF reports |
| <http://lucene.apache.org/solr/> | SOLR search  To implement the SOLR searching mechanism in the OGPL project, the server needs to have the Apache SOLR engine running all the time. To integrate Apache SOLR with Drupal 6 in Linux, perform the following steps.     1. Download Apache Solr from the following location: [http://apache.osuosl.org/lucene/solr/3.5.0/apache-solr-3.5.0.zip and extract the contents](http://apache.osuosl.org/lucene/solr/3.5.0/apache-solr-3.5.0.zip%20and%20extract%20the%20contents). 2. Unpack the TAR ball or ZIP file downloaded in step 1 outside of the Drupal installation and outside web root.      1. Go to **/apachesolr3.5.0/example/solr/conf**, copy the **schema** and **solrconfig** files to the same directory, and then rename them as **schema.bak** and **solrconfig.bak**.      1. Copy the **schema** and **solrconfig** files from the **apachesolr** module of your Drupal installation to **/apachesolr3.5.0/example/solr/conf.**      1. Open the command prompt and browse to the **apachesolr3.5.0/example** directory.      1. Type the following command to start the **Apachesolr** service:  java -jar start.jar      1. Test your solr server admin interface by visiting http://<IP-ADDRESS>:8983/solr/admin/ . If you can see the admin page, your solr server is running and is ready to use with Drupal.   For more information, see[http://www.anilsagar.com/blog/how-integrate-apache-solr-Drupal-6-windows-or-linux](http://www.anilsagar.com/blog/how-integrate-apache-solr-drupal-6-windows-or-linux).   1. Update the required settings at **admin/settings/apachesolr/settings** by using the Super Admin credentials. |

# Initial Configurations

Perform the following configurations after the installation:

* For Text resize, in the advance setting of the Text resize module (admin/settings/textsize), update the directory.
* Check the Apache SOLR setting (admin/settings/apachesolr/settings) and update the server settings.
* Check the file system setting (admin/settings/file-system) and provide full permission on specified directory. After changing the default file system path, execute the following query in the database:

UPDATE files SET filepath = replace(filepath, "sites/default/files", "<new file system path>") where 1;

# Settings in Admin for Host IP Database:

Provision has been made to allow the admin to have a setup with Host IP database located on local DB server or on an external server which is accessed via web service.

Below are the details provided on settings to be made in Admin to select amongst these two options.

Follow below steps to make appropriate settings in Admin to be able to setup **Host IP database through Web Service**:

1. In the Drupal menu, point to **Site Configuration** and click **Site Information**.  
   **Site Information** page appears.
2. Select **Web Service** option from **Host IP Configuration** setting drop down
3. In **Webservice URL** field, enter appropriate path/URL of where the web service is installed.

Follow below steps to make appropriate settings in Admin to be able to setup **Host IP database on local DB Server**:

1. In the Drupal menu, point to **Site Configuration** and click **Site Information**.  
   **Site Information** page appears.
2. Select **Local DB** option from **Host IP Configuration** setting drop down
3. In **Host IP Database Name** field, provide the name of the database.

# Credentials

## DMS

The following table lists DMS-related credentials.

|  |  |
| --- | --- |
| User Name | Password |
| [OGPL-DMS-manager@data.gov](javascript:main.compose('new','t=OGPL-DMS-manager@data.gov')) | Dms@123 |
| [OGPL-DMS-pmo@data.gov](javascript:main.compose('new','t=OGPL-DMS-pmo@data.gov')) | Dms@123 |
| [OGPL-DMS-def-poc@data.gov](javascript:main.compose('new','t=OGPL-DMS-def-poc@data.gov')) | Dms@123 |
| [OGPL-DMS-def-ds@data.gov](javascript:main.compose('new','t=OGPL-DMS-def-ds@data.gov')) | Dms@123 |
| [OGPL-DMS-edu-poc@data.gov](javascript:main.compose('new','t=OGPL-DMS-edu-poc@data.gov')) | Dms@123 |
| [OGPL-DMS-edu-ds@data.gov](javascript:main.compose('new','t=OGPL-DMS-edu-ds@data.gov')) | Dms@123 |

## CMS

The following table lists CMS-related credentials.

|  |  |
| --- | --- |
| User Name | Password |
| [cmsadmin@data.gov](javascript:main.compose('new','t=cmsadmin@data.gov')) | CMs@123 |
| [content-creator@data.gov](javascript:main.compose('new','t=content-creator@data.gov')) | CMs@123 |
| [moderator@data.gov](javascript:main.compose('new','t=moderator@data.gov')) | CMs@123 |
| [publisher@data.gov](javascript:main.compose('new','t=publisher@data.gov')) | CMs@123 |

## VRM

The following table lists VRM-related credentials.

|  |  |
| --- | --- |
| User Name | Password |
| [vrm@data.gov](mailto:vrm@data.gov) | VRm@123 |
| [vrmpmo@data.gov](mailto:vrmpmo@data.gov) | VRm@123 |
| [vrmpoc@data.gov](mailto:vrmpoc@data.gov) | VRm@123 |

## Super Admin

The user name for the Super Admin is admin and the password is Super@123.